

## Datasheet for ABIN7112174 **anti-Stargazin antibody**



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### Overview

Quantity:	100 µg
Target:	Stargazin (CACNG2)
Reactivity:	Mouse, Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Stargazin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

### Product Details

Immunogen:	calcium channel, voltage-dependent, gamma subunit 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	Stargazin (CACNG2)
Alternative Name:	CACNG2 ( <a href="#">CACNG2 Products</a> )
Background:	Synonyms: Background:Regulates the trafficking and gating properties of AMPA-selective glutamate receptors(AMPA receptors). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by slowing their rates of activation, deactivation and desensitization. Does not show subunit-specific AMPA receptor regulation and regulates all

## Target Details

	AMPA subunits. Thought to stabilize the calcium channel in an inactivated(closed) state.
Gene ID:	10369
UniProt:	<a href="#">Q9Y698</a>
Pathways:	<a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

Application Notes:	IHC: 1:20-1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months